

Terpolymers with a 50 Mol % content of maleic acid anhydride and process for their preparation

Patent number: EP0009170

Publication date: 1980-04-02

Inventor: DENZINGER WALTER; CORDES CLAUS DR DIPLO-CHEM

Applicant: BASF AG (DE)

Classification:

- international: C08F222/06; C08F222/06; C08F210/14

- european: C08F222/06

Application number: EP19790103284 19790905

Priority number(s): DE19782840502 19780918

Also published as:

-  US4282342 (A1)
-  JP55040796 (A)
-  EP0009170 (A3)
-  DE2840502 (A1)
-  EP0009170 (B1)

Cited documents:

-  DE1520120
-  FR1496447
-  FR2091015

[Report a data error here](#)

Abstract not available for EP0009170

Abstract of corresponding document: **US4282342**

Terpolymers which have Fikentscher K-values of from 8 to 100 and comprise 50 mole percent of maleic anhydride units, from 35 to 45 mole percent of 2,4,4'-trimethylpent-1-ene units and from 5 to 15 mole percent of 2,4,4'-trimethylpent-2-ene units, and processes for their preparation by polymerizing 50 parts by weight of maleic anhydride, from 35 to 180 parts by weight of 2,4,4'-trimethylpent-1-ene and from 0.6 to 6 parts by weight of 2,4,4'-trimethylpent-2-ene per part by weight of 2,4,4'-trimethylpent-1-ene employed, in the presence of a free-radical initiator at from 60 DEG to 200 DEG C. and a pressure of from 1 to 20 bar, and separating the terpolymers from the unconverted monomers.

Data supplied from the **esp@cenet** database - Worldwide